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Content



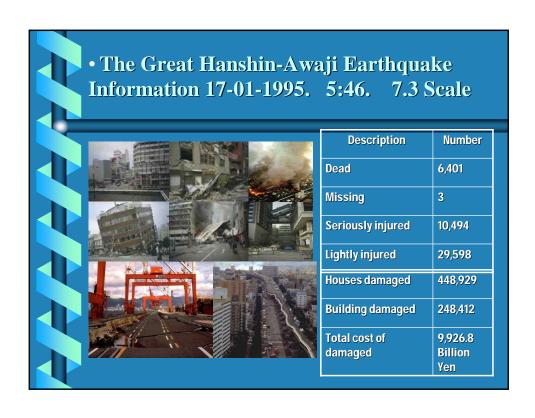
I. Activities in Japan.
II. Lesson lean form Japan
III. Recommendation to Disaster
management in Lao PDR.
IV. My lesson learn to apply to my work.

I. Activities in Japan

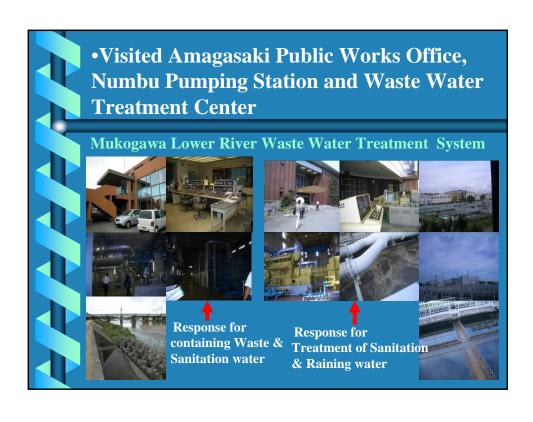














•Visited Tokyo on 23-25 August 2004.

•National High Way & Risk Management Division:

Response for planning and coordination of road traffic safety administration, survey and research of measure to prevent disaster on road.

Established transportation and lifeline systems and other urban facilities, several earthquake monitoring networks to use earthquake information for early warning or early damage assessment.



Information Technology for Road Management

•Visited Tokyo on 23-25 August 2004.

Emergency Operation Center:

Function as the central room for disaster management, to decide the immediate response in case of large disaster.

The Center based on the latest IT Technology, has a comprehensive role to collect, integrate, understand and disseminate the disaster information and the damage conditions.



- 1. Collection of disaster information: The regional organization of MLIT and the related organizations automatically transfer the metrological information, earthquake information, river information and
- 2. Collection of damage information: The system for the collection of real time image of a disaster (from a helicopter or monitoring camera) is prepared.
- 3. Estimation of damage: Disaster information system is introduced, which is developed by Cabinet Office for the automatic rough estimation of damage caused by an Earthquake.
- 4. The base function of activities: Through a digital circuit, TV conference is performed with regional organization.

•Visited Tokyo on 23-25 August 2004.

Ministry of Public Management Home Affairs Posts & Telecommunication

Fire & Disaster Management Agency:

With the earthquake preparedness as the most important issue, Fire & Disaster Management Agency comprehensively promoters the following eight issues:



Prevention of Fire outbreaks
Initial firefighting
Improvement of regional disaster preparedness
Reinforcement of initial response action
Information management

Prevention of fire spread Search & Rescue

Evacuation and post quake safety

With the lessons learned from the effective initial fire fighting immediately after the Great Hanshin-Awaji Earthquake, they emphasizes these eight items in fire drills and makes efforts at the appropriate use of the Earthquake Damage Prediction System in line with a seismograph network,

Build disaster resilient communities, FDMA have steadily urban infrastructures and promoting projects on fire resistant building. At the same time, each and every Tokyo citizen must have a correct understanding on risks in the communities of their residence, and take sufficient preparatory measures in the daily course of life.



Many activities on Public awareness &education and training in every years



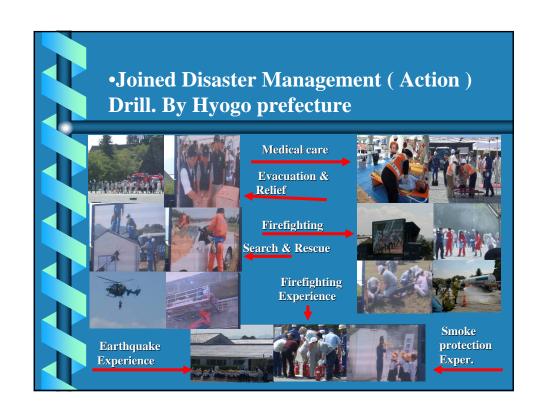
-Attended the Public Forum''Recovery from Catastrophic Disaster-toward a safer world for all'

This forum organized by ADRC, Cabinet Office of Japan, The United Nations University, UN ISDR Secretariat and UNDP. In cooperation with USAID, NHK (Japan Broadcasting Cooperation) and Hyogo Prefecture Government.

Focused on, learning from the pass experience to improve and develop the approach, disaster reduction Networking among governments, NGOs, regional/international organizations, communities, and corporations is essential in achieving a holistic approach to disaster reduction. Networking can facilitate information sharing, best practices, many experiences and weak point to be improved for the future disaster risk preparedness and recovery

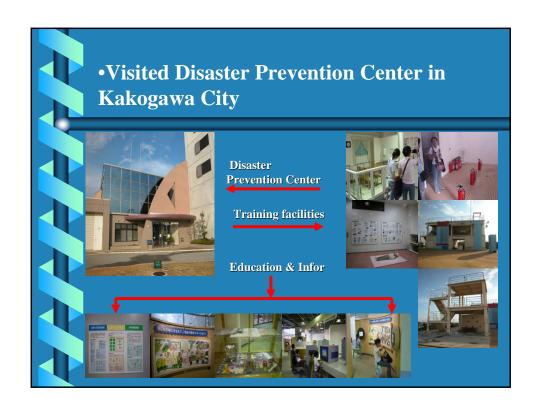
activities.





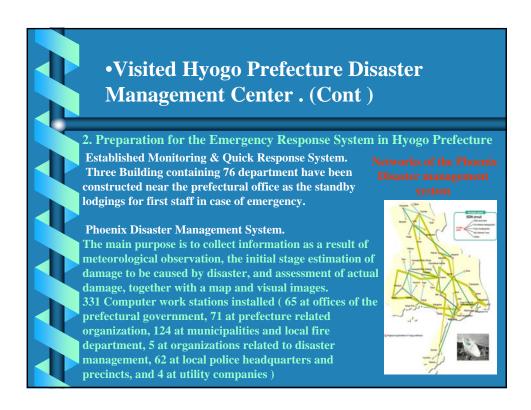


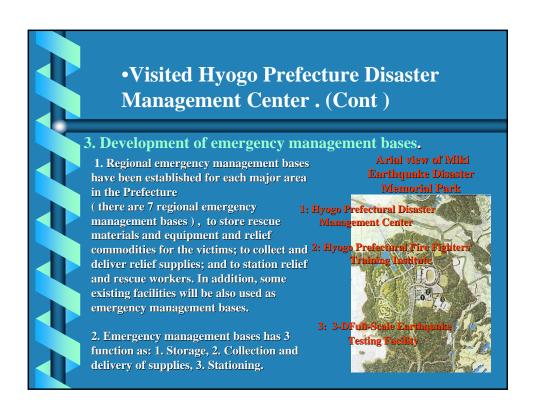


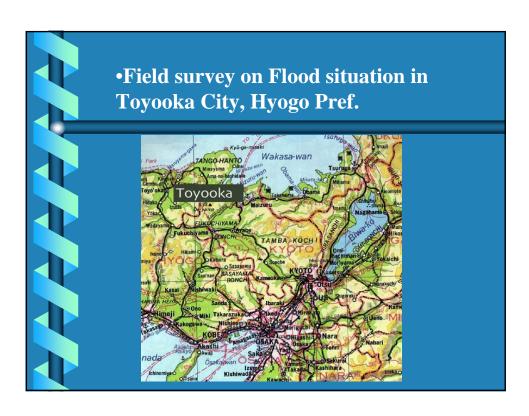


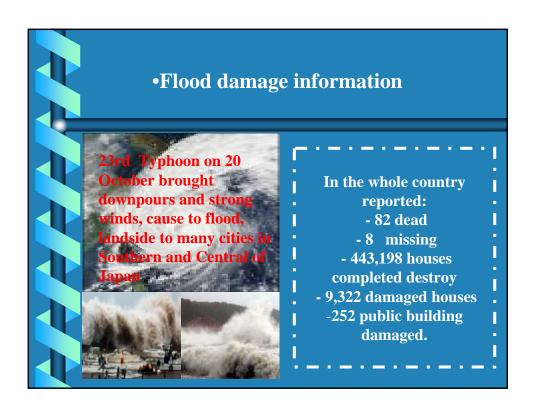




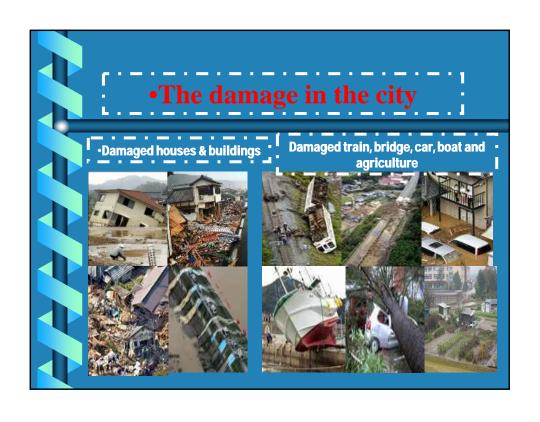




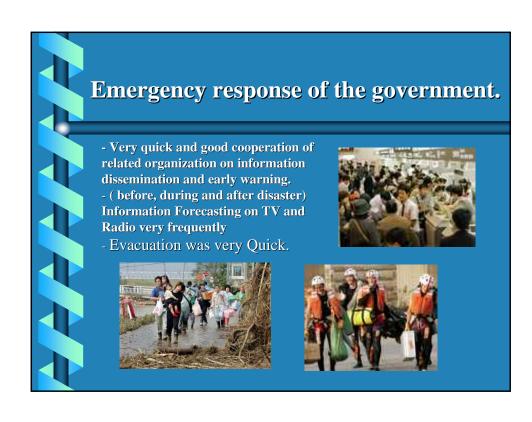












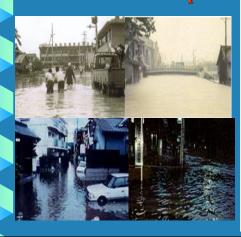






History of flood damage in Osaka prefecture government.

Photo of flood in the pass



Date	Flood damage.
	No. Houses damage
- Jul. 12-13,1972	43,411
- Sep. 15-16, 1972	61,407
- Jun.27-Jul.2,1979	13,087
- Sep.30-0ct1, 1979	27,736
- Aug.2-3,1982	50,040
- Sep.2-3, 1989	1,953
- Sep. 14,1989	3,668
- Sep. 19-20, 1989	1,697
- Jul.2-6 1995	2,040
- Jul.9, 1997	172
- Jul.13, 1997	3,828
- Aug 5, 1997	3,202
- Aug.7,1997	9,213
- Jun. 26-27, 1999	401
- Jun. 29-30,1999	197
- Aug. 10-11, 1999	3,480
- Sep. 17,1999	3,957

Neya river basin comprehensive flood control measures in Osaka prefecture government.

In order to create a safe and comfortable town by alleviating flood damage, not only the restoration of rivers, but also the construction of water retention facilities such as:

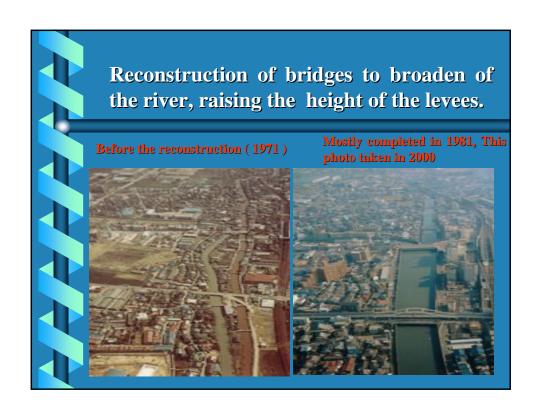
Flood control green spaces

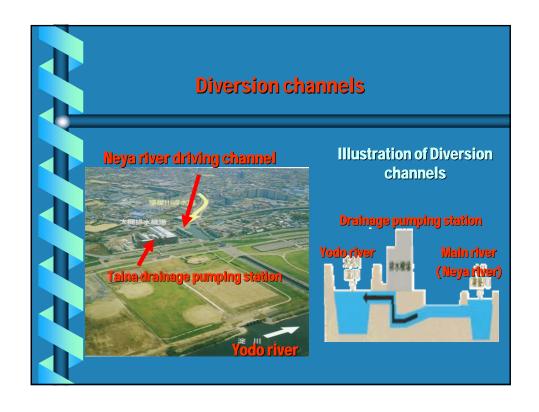
Flood control reservoirs

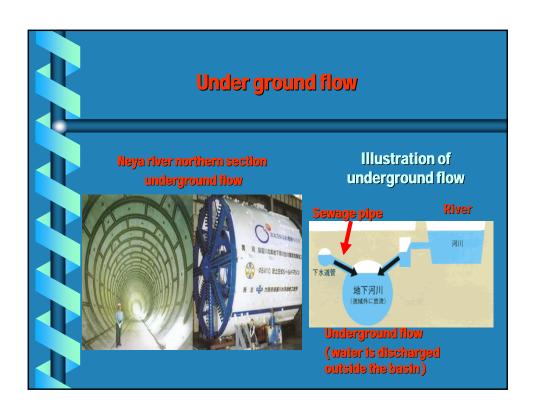
Effluent facilities.

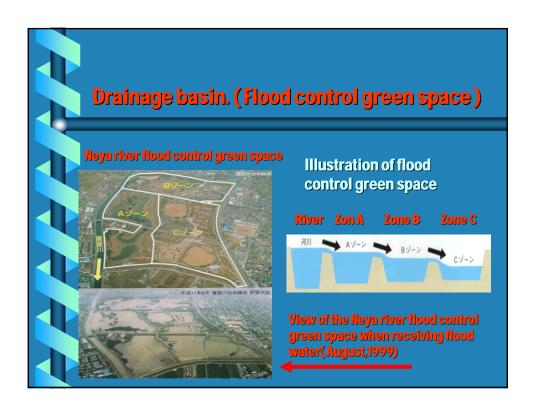
Underground flows.

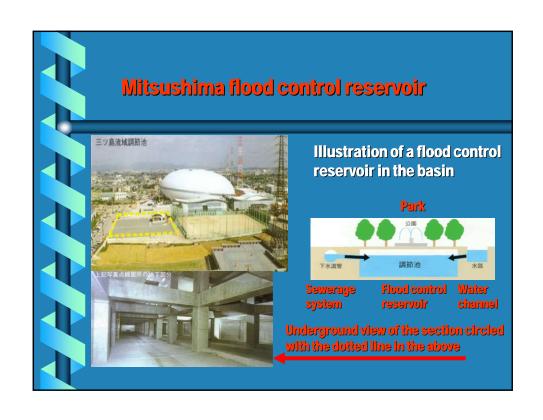
Improvement measures for the river basin for the purpose of preventing rainwater from flowing out to the sewerage system or rivers all at once are also important.





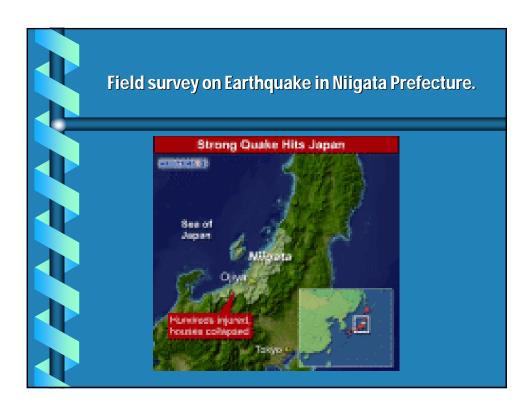








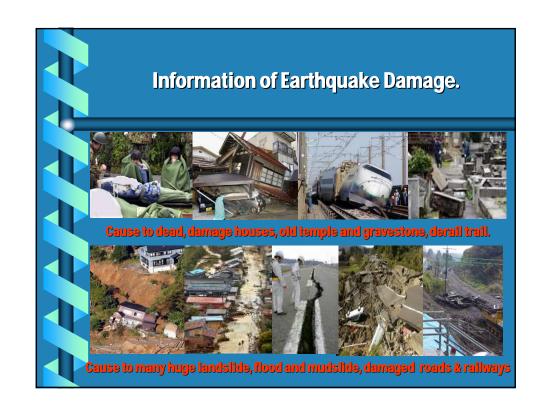


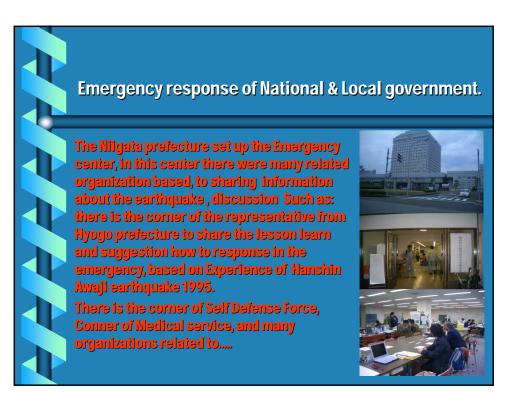


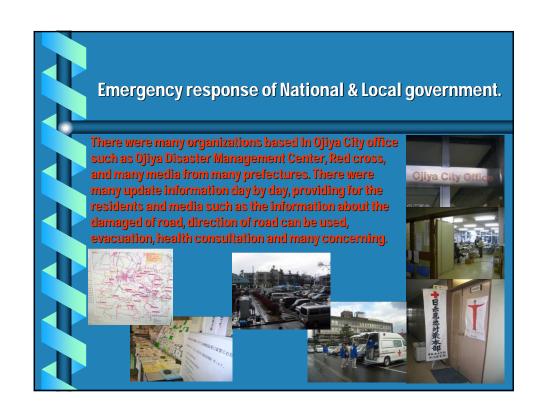
Information of Earthquake Damage.

People Dead 40
People injured 2,867
People evacuation 10,663
Houses destroyed 2,028
Houses partially 4,430
destroyed 42,429
Housed damaged

Major Earthquakes with magnitudes ranging from 5.9 to 6.8 struck on 23 Saturday evening October 2004 in Niigata prefecture, northern Japan. Cause to landslides, Flood and Mudslide, wrecking houses and buckling railway tracks. Many people dead, missing, and thousand of people evacuation.









Set up volunteer center

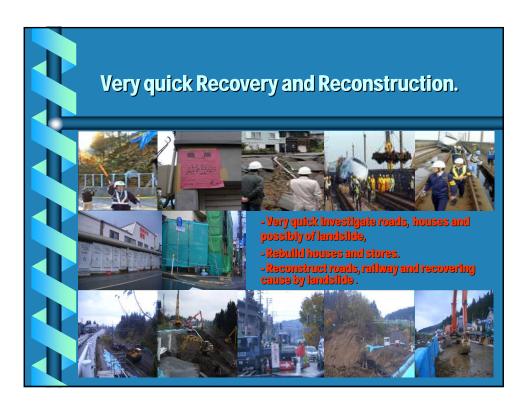
In Volunteer center there were many Volunteer from all around the country having difference skills as Computer skill, first aid......, information providing also have in Japanese and English, there was the corner provide food for evacuee and also many activities took place.



















1. Experience of pass major disaster

Realized the emergency response of Hanshin-Awaji Earthquake (search and rescue, emergency assistant, the way assessment and other else...).

Also realized the quick and well coordination and collaboration from networking group and people of Japan, especially involving implement for recovery & reconstruction after earthquake. Also many steps toward recovery & reconstruction process were implemented will be the very good guidance for many countries in the implementation of recovery and reconstruction.

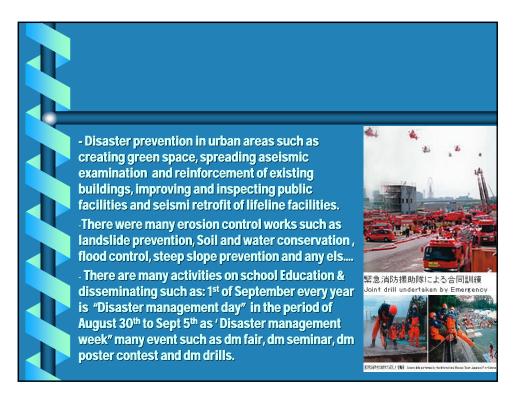
Sharing lesson learn and experience of pass major disaster is very important process for develop and improve the weakness points of the actions for the effective response to future disaster, especially for planning the response measure for disaster reduction and mitigation for the future. More knowledge about rainwater and sanitation treatment systems which are widely know for my advanced process of flood control in Japan.

2. Disaster preparedness IN JAPAN

There are many disaster prevention facilities and equipment:

- Observation equipment such as: meteorological satellites, weather observation radar and seismometers.
- Materials and machinery required for emergency response such as relieve stocks, firefighting equipment, water tanks and power generators.
- Systems for liaising and communicating emergency information such as telecommunication or broadcasting facilities.
- Transportation vehicles such as helicopters, ships and automobiles.
- Facilities of evacuation and headquarters for disaster countermeasures.

Also there are many projects such as fireproofing buildings, providing evacuation routes, areas and facilities for disaster preparation bases.





3. Disaster Emergency Response & Recovery and reconstruction

Experiences on the real situation and many actions took place in Earthquake and flood emergency response from national and local government. I released that Japan has very good preparedness so many organizations related to, have more skill, understand well their role and responsibilities and the way how to coordination in the emergency situation. Thus the Disaster emergency response and recovery & reconstruction were very quickly and smoothly.

III. Recommendation to Disaster management in Lao PDR

